

DETAILED ACTION

Drawings

1. The drawings filed on 3/23/2009 are acceptable.

EXAMINER'S AMENDMENT

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The application has been amended as follows:

In the claims:

In claim 6, line 1, replace "An" with --A circuit--.

In claim 9, line 3, delete “based”.

The changes have been made to correct minor typographical error. Support for the change in claim 6 can be found in the dependent claims 14-17 that depend on claim 6, which recites “*The circuit of claim 6*”.

Allowable Subject Matter

3. Claims 1, 2, 6, 7 and 9-21 are allowed.
4. The following is an examiner's statement of reasons for allowance:

After further search and consideration of Applicant's amendment filed on 12/15/2009, it is agreed that the prior art of record fail to teach or suggest alone or in combination, the combination of the limitations: “the primary circuit comprises: a drain device for absorbing at least a part of the power, which is reflected back from the predominantly capacitive load during

operation, a switch for switching a current on the primary side of the transformer device, and a periodic pulse, generator connected to the switch and configured to apply a series of periodic pulses to the switch for periodically turning on the switch” as claimed in claim 1; “the primary circuit components comprises: a drain device for absorbing at least a part of the power, which is reflected back from the predominantly capacitive load during operation, and a switching device for switching a current on the primary side of the transformer device, wherein the source device is in serial connection with the transformer device, the drain device, and the switching device, wherein the drain device comprises a power absorber unit, a capacitance unit, and a diode for returning power to the supply device via an external down-converter” as claimed in claim 6; and “the primary circuit comprises: a drain device for absorbing at least a part of the power, which is reflected back from the predominantly capacitive load during operation, a switch for switching a current on the primary side of the transformer device, and a diode connected across the switch so as to conduct a reverse current through the primary side of the transformer when the switch is turned off, wherein the source device is in serial connection with the transformer device, the drain device, and the switching device, and wherein the transformer device comprises means for forming a resonant tank circuit with the predominantly capacitive load” as claimed in claim 7. It is for these reasons in combination with all the other limitations in the independent claims 1, 6 and 7, that claims 1, 2, 6, 7 and 9-21 are allowable over prior art of record.

Conclusion

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue

fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Correspondence

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ephrem Alemu whose telephone number is (571) 272-1818. The examiner can normally be reached on M-F 9:00 AM to 5:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Douglas W Owens can be reached on (571) 272-1662. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

EA
4-08-10

/Douglas W Owens/
Supervisory Patent Examiner, Art Unit 2821
April 10, 2010